720.00 mm

120.00 mm

HelloBaby®

Ver: 2.8(J)

User Manual

2.4GHz Digital Wireless Video Baby Monitor
2.4GHz Digital Wireless Video Baby Camera

Model: HB30

The pictures are for reference only, please subject to practicality.

www.hellobaby.net.cn
service@hellobaby.net.cn

Thank you for purchasing the HB30 Baby Monitor. With our baby monitor, you could see and hear your baby sleeping or playing in their room anytime.

Please retain your original dated sales receipt for your records. For warranty service of your product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

PLEASE MAKE SURE THE FOLLOWING INCLUDED IN YOUR PACKAGE

Parent unit x 1	Camera unit x 1	Power USB Cable x 2
User manual x 1	Wall-mounting kit x 1	

1. SAFETY INSTRUCTIONS

Caution: Keep the device away from children.
Strangulation hazard: Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3ft (0.9m) away). Never use extension cords with AC Adapters. Only use the AC Adapters provided.
Choking hazard : This product contains small parts, please be careful when unpack and assemble the product.
Read and keep to instructions: All the safety and operating in structions should be read before the video baby monitor is operated. This product cannot replace responsible adult supervision.
Water and moisture: The unit should not be exposed to rain, moisture, dripping or splashing. No objects filled with liquid should be placed on top of, or beside the product, such as a glass or vase. This item should not be used near water.
Do not: Attempt to repair or adjust any of the electrical or mechanical functions of the unit. Otherwise, the guarantee will be made void.
Ventilation: This baby monitor should not be used on a bed, sofa, rug or similar surface that may block the ventilation openings, or be placed in an enclosed area such as a bookcase or drawer that may impede air flow.
Keep away from sources of heat: This unit should not be exposed to direct heat sources such as a candle, radiator, heat register, stove or other appliance that emits heat. The unit should not be left in direct sunlight.
Power source: This unit should only be used with the AC power adapters included in this package (rated 5V DC 1A).
Damage requiring service: This unit should be serviced by qualified personnel only when:
1. Objects have fallen or liquid has been spilled into the product.
2. The units have been exposed to rain.
3. The units do not appear to operate normally or exhibits a distinct change in performance.
4. The units have been dropped or the enclosure damaged.

2. WARRANTY TERMS

We offer one-year warranty from the original purchase date against defects in workmanship and materials. If you have warranty or support issues, please contact our after-sales service via email.

3. INSTALLATION GUIDELINES

* To use your parent unit and camera unit together, you have to establish a radio link between them, and the range will be affected by environmental conditions.
* Any large metal object, like a refrigerator, a mirror, a filling cabinet, metallic doors or reinforced concrete between the baby and parent unit may block the radio signal.
* The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TV, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
* Use of other 2.4GHz product, such as wireless networks (Wi-Fi routers), Bluetooth systems, or microwave ovens, may cause interference with this product, so keep the baby monitor away at least 5ft (1.5m) from such products, or turn them off if they cause interferences.

4. PLACEMENT OF THE BABY MONITOR

The camera can be placed on the desktop or mounted on the wall. Don't place baby monitor on soft quilts or blankets or in the corners of cupboards, shelves, etc; Keep the baby monitor away from heat sources such as radiators, chimneys, cookers and direct sunlight; Keep the baby unit away from TV sets, microwave oven and radios. If interference occurs, move the camera to elsewhere.
* Place the camera within 6 feet (2 meters) of the area being monitored for optimum performance.

5. GETTING STARTED

5.1 TURN ON THE BABY UNIT:
1. Insert the DC plug of the power adapter into the DC jack in the rear of the Baby Unit.
2. Insert the other end of the power adapter into a suitable electrical outlet.
3. Once the adapter is connected, the power LED will light up.
4. Keep the baby unit plugging in.

5.2 TURN ON THE PARENT UNIT:
1. Insert the DC plug of the power adapter into the DC jack in the side of the parent Unit.
2. Insert the other end of the power adapter into a suitable electrical outlet.
3. Press and hold the power key 3 seconds on the side of the parent unit.
4. Once parent unit is on, the power LED will light up and the image will display on the LCD.

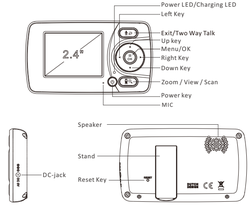
5.3 INFRARED NIGHT VISION (AUTOMATIC)
The infrared night vision function allows the camera to pick up images in dark or low light conditions. In this mode, only black and white images will be displayed on the monitor, the optimum image lie in where baby unit is 6ft (2m) away from object. The camera is in night vision mode, the icon will be displayed on the top of screen.

6. PRODUCT OVERVIEW

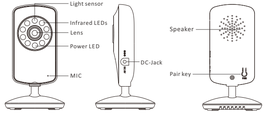
6.1 ICONS OVERVIEW:

	Signal Strength		Volume		Zoom
	Alarm		Camera		Two-Way Talk
	Lullaby		Night Vision		Battery Level
	High sensitivity level		Middle sensitivity level		Low sensitivity level

6.2 PARENT UNIT OVERVIEW:



6. 3 BABY UNIT OVERVIEW:



7. KEY OPERATION

7.1 POWER SAVE /SCREEN OFF
Short press the power key to turn on / off the screen.

7.2 VOLUME ADJUSTMENT
Press the ▲ key to increase the volume; Press the ▼ key to decrease the volume.

7.3 BRIGHTNESS ADJUSTMENT
Press the ◀ key to decrease the brightness; Press the ▶ key to increase the brightness.

7.4 CAMERA VIEW / SCAN
Press Scan key to view / scan camera; During scan mode, the scan icon will be displayed on the top of screen. And each camera's video will stay on the LCD around 10 seconds and then turn to next camera alternately.

7.5 DIGITAL ZOOM & PAN / TILT
Press and hold the key around 2 seconds to operate Zoom in / out; At the Zoom mode , press the ◀ key to Pan left; press ▶ key to Pan right; press ▲ key to tilt up; press ▼ key to tilt down;During digital zoom mode, the zoom icon will be displayed on the top of screen.
Warm reminder: If you want to adjust the volume/Brightness, you have to exit the Zoom mode before you operate it.

7.6 TALK TO BABY
Press and hold key to enter two way talk mode. A microphone icon will be displayed on the top of the LCD screen while this function is working. Release the button when you have finished talking and listening to the sound from the baby's room again.
Note: When you are in the two-way talk mode, the parent unit speaker is muted.

8. MENU OPERATION

8.1 PAIRING THE CAMERA AND PARENT UNITS
The baby unit is pre-registered to your parent unit. You do not need to register it again unless the baby unit loses its link with the parent unit. To re-register your baby unit, or register a new baby unit, follow the procedure below:
Note : Camera icon with " " means it is well registered. You should select and pair with the camera icon without " " sign.

8.1 . 1 ADD CAMERA
1. Press the MENU key then the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ key until the camera icon is selected.
3. Press OK key to enter into sub-menu, then press ▲ / ▼ key to select your desired camera.
4. Press key enter into sub-menu; Press ▲ / ▼ key to select then press key.
5. When the icon displayed on the LCD screen, press the PAIR button on the back of camera.
6. Once paired, Successful pairing icon shows on the LCD screen.
7. If fails, repeat the above steps.

8.1.2 DELETE CAMERA
1. Press the MENU key and the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ key until the camera icon is selected.
3. Press OK key to enter into sub-menu. then press ▲ / ▼ key to select the camera you want to delete.
4. Press key enter into sub-menu; Press ▲ / ▼ key to select then press key.
5. Press ◀ / ▶ key to select icon to delete the camera.
6. Press OK key to confirm the option.

8.2 VOLUME
1. Press the key then the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ key until the Volume icon is selected.
3. Press the key enter into sub-menu.
4. Press the ▲ / ▼ key to select the desired volume level from level 1 ~ 5.

8.3 DISPLAY BRIGHTNESS
1. Press the MENU key then the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ key until the brightness icon is selected.
3. Press key enter into sub-menu.
4. Press ◀ / ▶ keys to select the desired brightness level from level 1 ~ 5. (The default brightness level setting is level 3.)

8.4 TEMPERATURE UNIT SETTING
1. Press the MENU key then the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ until the temperature icon is selected.
3. Press the key enter into sub-menu.
4. Press the ◀ / ▶ key to select the °F or °C for setting temperature unit.
5. Press key to confirm.
6. Press key to exit.

Note: The detected temperature range is 0~40 ℃ .

8.4.1 TEMPERATURE ALARM SETTING
1. Press the ◀ / ▶ / ▲ / ▼ key to select for turn on alarm function; Press key to confirm.
2. Press the ◀ / ▶ / ▲ / ▼ key to select for turn off alarm function; Press key to confirm.

8.4.2 SET TEMPERATURE HI/LO ALERT LIMITS
1. Press ◀ / ▶ to select or for Hi/Lo limits settings.
2. Press ▲ / ▼ keys to adjust the Hi limit when (red)is selected.
3. Press ▲ / ▼ keys to adjust the Lo limit when (green)is selected.

Note: The High temperature alarm range is 20-40 ℃, and the Low temperature alarm range is 0-19 ℃. The high temperature alarm default setting is 36 ℃, and the low temperature alarm default setting is 8 ℃. When the temperature goes above or below the settings, the temperature icon turns red. It will flash to alert user by audio beeps. Press any key on the parent unit to stop beeping and flashing.

8.5 LULLABY SETTING
You can soothe the baby to sleep by playing a gentle lullaby from the Camera unit.
1. Press the MENU key and the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ keys until the lullaby icon is selected.
3. Press the key enter into sub-menu.
4. Press the ◀ / ▶ / ▲ / ▼ key to select one of the 8 available lullabies, and you can pick single playback, loop (all 8 lullabies) playback or stop .
5. Press key to confirm.

Note : The lullaby default setting is OFF.

8.6 ALARM SETTING
1. Press the MENU key and the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ key until the alarm icon is selected.
3. Press the key enter into sub-menu, Press the ◀ / ▶ / ▲ / ▼ key to selected the alarm time you need.
4. Press key to confirm.
5. Press key to exit.

Note 1: The minimum unit is 0.5 hour. The maximum setting is 5 hours (7 levels).
Note 2: Once the alarm is turned on, alarm icon will display on top of the screen.
Note 3: The alarm default setting is OFF.
Note 4: When the alarm is ringing, press any key on the parent unit to turn the alarm off.
Note 5: If you don't turn off the alarm, the alarm will ring for 1 minute. After three minutes the alarm will ring again for 1 minute. The alarm will ring for three times in total, after this the alarm goes off.

8.7 ENERGY SAVING
This mode allows you to control the sound activation of your baby unit. If there is no sound around the baby unit within 30 seconds, it will stop audio transmission and turn off the

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screen of the parent unit. When the baby unit detects any sounds louder than the sensitivity level, it will start transmitting the signal to the parent unit again and turn on the screen of the parent unit . To change the ECO level, please follow the below instructions.
1. Press the MENU key and the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ key until the ECO icon is selected.
3. Press key enter into sub-menu, then press ▲ / ▼ key to select desired level.
4. Press key to confirm.
5. Press key to exit.

Note : is Low sensitivity level, the baby have to make a lot of sound before the ECO function is activated.
Note : is Middle sensitivity level. **Note :** is high sensitivity level, the baby don't have to make a lot of sound before the ECO function is activated.

8.8 LANGUAGE SETTING
1. Press the MENU key and the menu will pop up.
2. Press the ◀ / ▶ / ▲ / ▼ keys until the language icon is selected.
3. Press key to enter into sub-menu, then press ◀ / ▶ / ▲ / ▼ key to select the language you need.
4. Press key to confirm.
5. Press key to exit.

9. TECHNICAL DATA

Frequency	2412MHz~2469MHz
Power Adapter	Parent Unit: Input: 100-240VAC 50/60Hz Output: 5V DC 1A Camera Unit: Input: 100-240VAC 50/60Hz Output: 5V DC 1A
Operating Range	Up to 1000ft (300m) outdoor (line of sight) Up to 165ft (50m) indoor
Display	2.4" IPS TFT LCD
Battery (Parent Unit)	Li-ion 3.7V 1250mAh (4.625Wh)
Battery Life	Up to 6 hours
Maximum Power	< 16dBm
Operation Environment	Operation Temperature: +32°~+104° (0℃~40℃) Battery Charging Temperature: +50°~+104° (10℃~40℃) Relative Humidity : 15%-85%

10. TROUBLE SHOOTING

No Reception on The Monitor	* The power adapters may not be properly connected. * Confirm that the camera and monitor are ON. * Camera may be far away from the monitor. * Camera and monitor may not be properly paired; follow PAIRING instructions.
Interference or Poor Reception	* Move the monitor close to the camera. * The camera or monitor may be placed too close to many metal objects. * Other electronic devices may be interfering with the signal. * The battery power may be too low.
Audio Feedback (High Pitched Noise)	* The camera and monitor may be placed too closed. * The volume on the monitor may be set too high.
Frozen Picture on Screen	* Repower the baby unit (plug out the adapter, then plug it into the socket again). * Press the RESET key at the back of parent unit.

11. MAINTENANCE
* Clean your baby monitor with a slightly damp or anti-static cloth.
* Never use cleaning agents or solvents.

12. DISPOSAL GUIDE FOR BATTERY AND PRODUCT
* Do not attempt to repair or adjust any of the electrical or mechanical functions of the unit.
* Remember to dispose of the product in an environmentally responsible way.
* For proper collection and processing of these products, take them to the collection points designated by local authorities. You can also contact the store where you purchased the product.

Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause personal injury or damage to property. Use only the types of the batteries which are indicated in this manual.
CAUTION: Risk of Fire and Burns. Do Not Open, Crush, Heat Above 45 degree C or Incinerate. Follow Manufacturer's Instructions.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
- The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

ISDE Statement
Camera: English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada' s licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
French:Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes :
(1) Cet appareil ne doit pas causer d'interférences.
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.
This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé.
Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

FCC Statement
Camera: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
To assure continued compliance, any changes or modifications not expressly approved by the party.
Responsible for compliance could void the user's authority to operate this equipment.
(Example- use only shielded interface cables when connecting to computer or peripheral devices).
This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:
The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

FCC Warning:
Monitor: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and

used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.

Specific Absorption Rate (SAR) information: This device meets the government's requirements for exposure to radiowaves. The guidelines are based on standards that were developed by independentscientific organizations through periodic and thorough evaluation of scientific studies.
The standards include a substantial safety margin designed to assure the safety of allpersons regardless of age or health.
FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue.
Device types: device has also been tested against this SAR limit.
This device was tested for typical body-worn operations with the back of the phone kept 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 0mm separation distance between the user's body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

ISDE Statement
Monitor: English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada' s licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
French:Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d'Innovation, Sciences et Développement

économique Canada. Le fonctionnement est soumis aux deux conditions suivantes :
(1) Cet appareil ne doit pas causer d'interférences.
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.
This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.
This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 0cm between the radiator & your body.
Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé.
Cet équipement doit être installé et utilisé avec une distance minimale de 0 cm entre le radiateur et votre corps.

SAR English
Specific Absorption Rate (SAR) information:
This Tablet meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. ISED RF Exposure Information and Statement the SAR limit of Canada(ISED) is 1.6 W/kg averaged over one gram of tissue. Device types: Tablet has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the Tablet kept 0mm from the body. To maintain compliance with ISED RF exposure requirements, use accessories that maintain an 0mm separation distance between the user's body and the back of the Tablet. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with ISED RF exposure requirements, and should be avoided.

France
Informations sur le débit d'absorption spécifique (DAS):
Cette tablette répond aux exigences du gouvernement en matière d'exposition aux ondes radio. Les lignes directrices sont basées sur des normes élaborées par des organisations scientifiques indépendantes à travers une évaluation périodique et approfondie des études scientifiques. Les nor mes comprennent une marge de sécurité substantielle conçue pour assurer la sécurité de toutes les personnes, quel que soit leur âge ou leur état de santé.
Information et déclaration d'ISDE sur l'exposition aux RF la limite DAS du Canada (ISDE) est de 1,6 W / kg en moyenne sur un gramme de tissu. Types d'appareils: la tablette a également été testé par rapport à cette limite SAR. Cet appareil a été testé pour des opérations

Typiques portées sur le corps avec le dos de la tablette gardé à 0 mm du corps. Pour maintenir la conformité avec les exigences d'exposition RF d'ISDE, utilisez des accessoires qui maintiennent une distance de séparation de 0 mm entre le corps de l'utilisateur et l'arrière de la tablette. L'utilisation des clips de ceinture, d'étuis et d'accessoires similaires ne doit pas contenir de composants métalliques dans son assemblage. L'utilisation d'accessoires qui ne satisfont pas à ces exigences peut ne pas être conforme aux exigences

Model: HB30

Responsible Party(US): Startline LLC
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Authorized UK Representative(UK): APEX CE SPECIALISTS LIMITED
Add: 89 Princess Street,M14HT,UK info@apex-ce.com

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Room 2106, Building 11, Tianan Yungu Phase II , Gangtou Community, Bantian Street, Longgang District, Shenzhen, Guangdong, China

⚠WARNING

Strangulation Hazard: Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3 ft (0.9 m) away). Do not remove this tag.

⚠ AVERTISSEMENT

DANGER D'ÉTRANGLEMENT: Des enfants se sont ÉTRANGLÉS avec des cordons électriques. Garde le cordonélectrique hors de la portée des enfants(à plus de 0.9m/3 pi du lit d'enfant). Ne pas enlever cette étiquette.

Risk Group 1
WARNING IR emitted from this product. Do not stare at operating lamp
Product tested against EN62471